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## IN THE LEMENT STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Hidetaka ARIMURA, et al.

SERIAL NO:

: 10/767,342

GAU:

FILED:

January 30, 2004

**EXAMINER:** 

FOR:

AUTOMATED METHOD AND SYSTEM FOR THE DETECTION OF LUNG NODULES IN LOW-DOSE CT

IMAGE FOR LUNG-CANCER SCREENING

# INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

#### REFERENCES

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

#### RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

### **CERTIFICATION**

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- □ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

### DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number <u>15-0030</u>. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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ΑU ΑV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) Masahiro Kaneko, et al., "Peripheral Lung Cancer: Screening and Detection with Low-Dose Spiral CT Versus Radiography," Radiology 201, 798-802 (1996). AW Shusuke Sone, et al., "Mass Screening for Lung Cancer with Mobile Spiral Computed Tomography Scanner," Lancet 351, ΑX 1242-1245 (1998). Stefan Diederich, et al., "Pulmonary Nodules: Experimental and Clinical Studies at Low-Dose CT," Radiology 213, 289-298 AY (1999). Claudia I. Henschke, et al., "Early Lung Cancer Action Project: Overall Design and Findings form Baseline Screening," Lancet 354, 99-105 (1999). Additional References sheet(s) attached **Date Considered** Examiner

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\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449	-	TRADITION OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO.	SERIAL NO.					
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	AAA	Takeshi Nawa, et al., "Lung Cancer Screening Using Low-Dose Spiral CT: Results of Baseline and 1Year Follow-up Studies," Chest 122, 15-20 (2002).							
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	AAL	Feng Li, et al., "Lung Cancers Missed at Low-Dose Helical CT Screening in a General Population: Comparison of Clinical, Histopathologic, and Imaging Findings," Radiology 225, 673-683 (2002).							
	AAM	Kenji Suzuki, et al., "Massive Training Artificial Neural Network (MTANN) for Reduction of False Positives in Computerized Detection of Lung Nodules in Low-Dose Computed Tomography," Med, Phys., 1602-1617 (2003).							
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